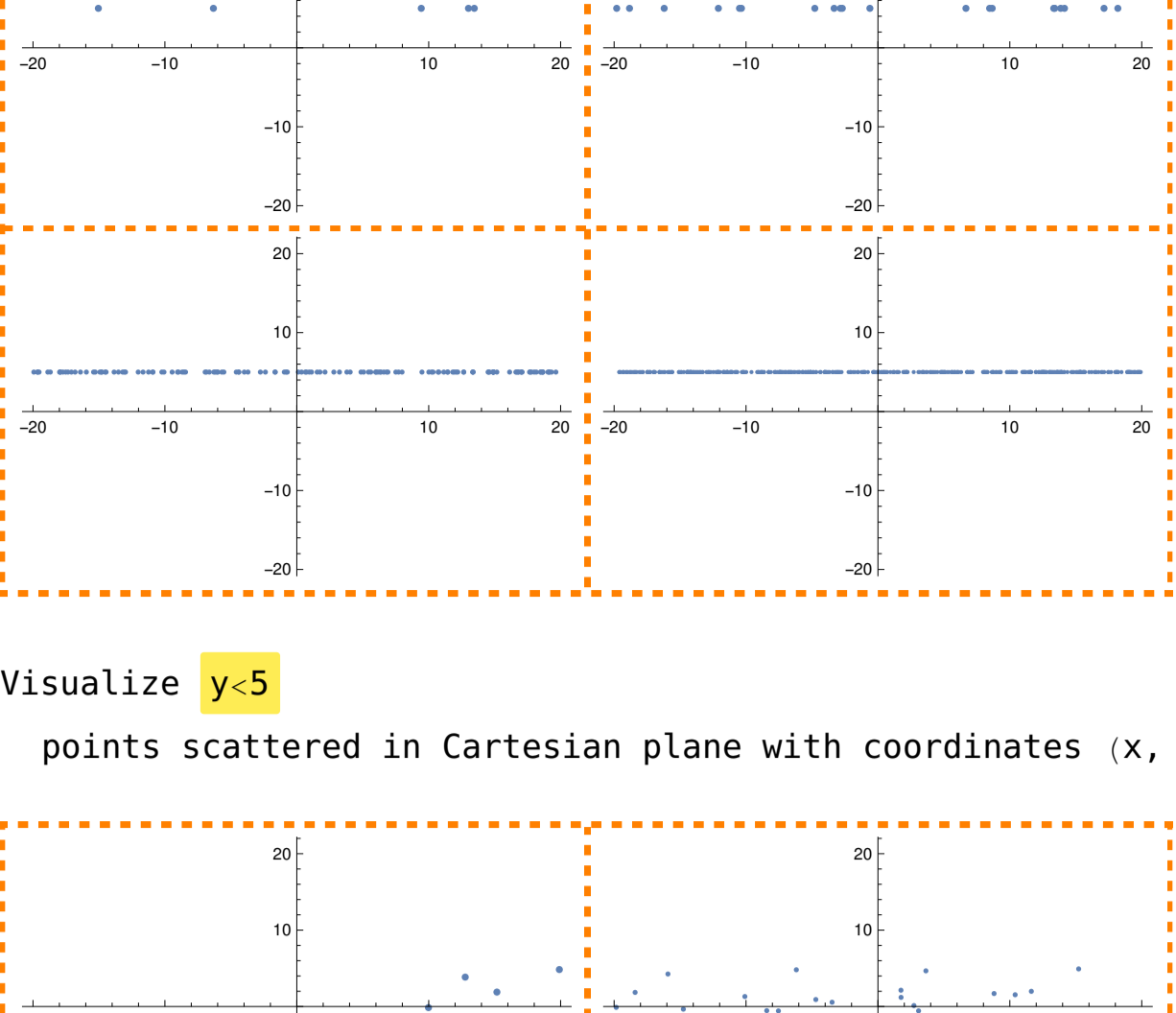


# Experiments Experimentation

Simplest equation:  $y=b$  where b is a constant e.g. 5

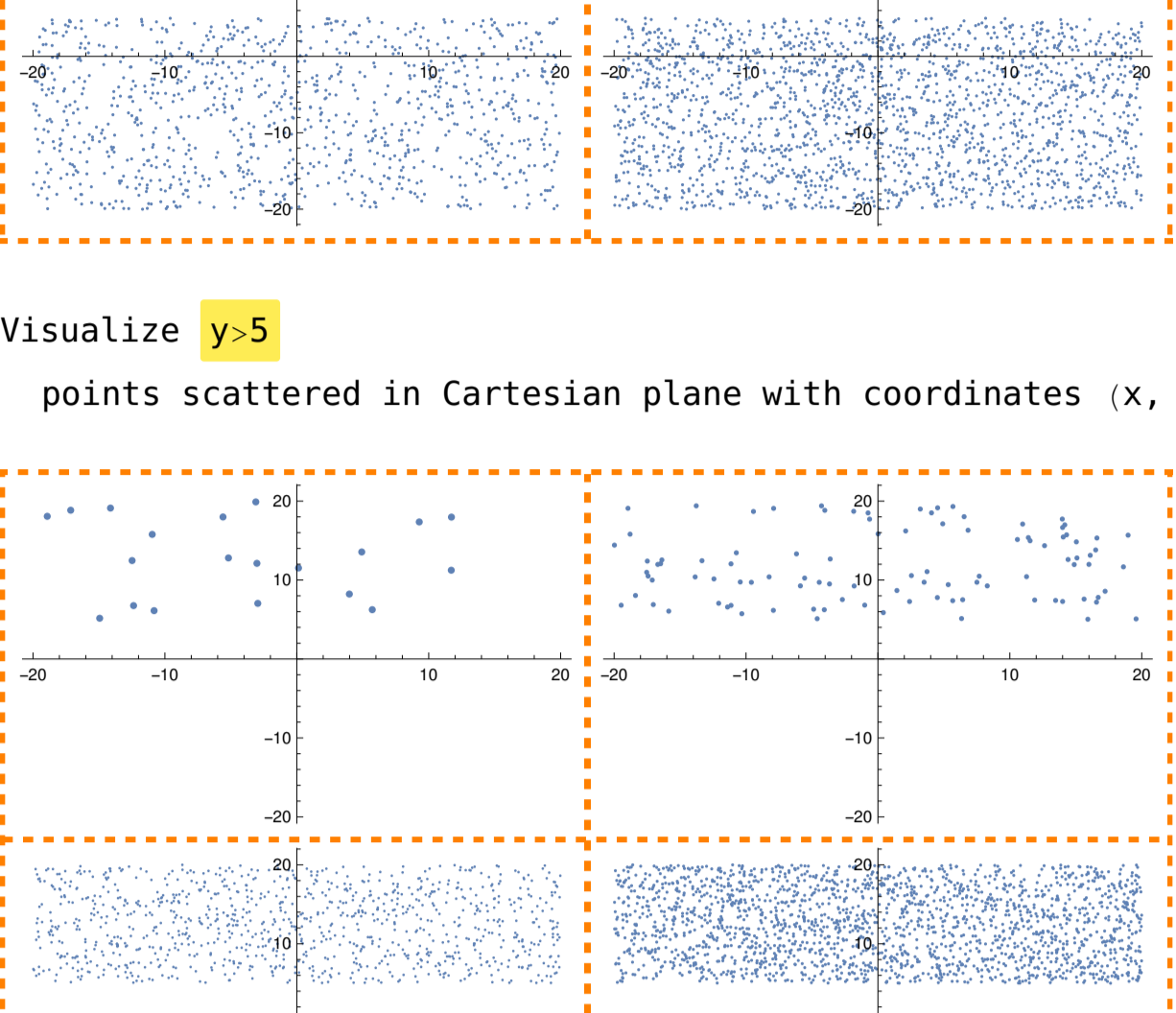
Visualize  $y=5$

points scattered in Cartesian plane with coordinates  $(x, 5)$ .



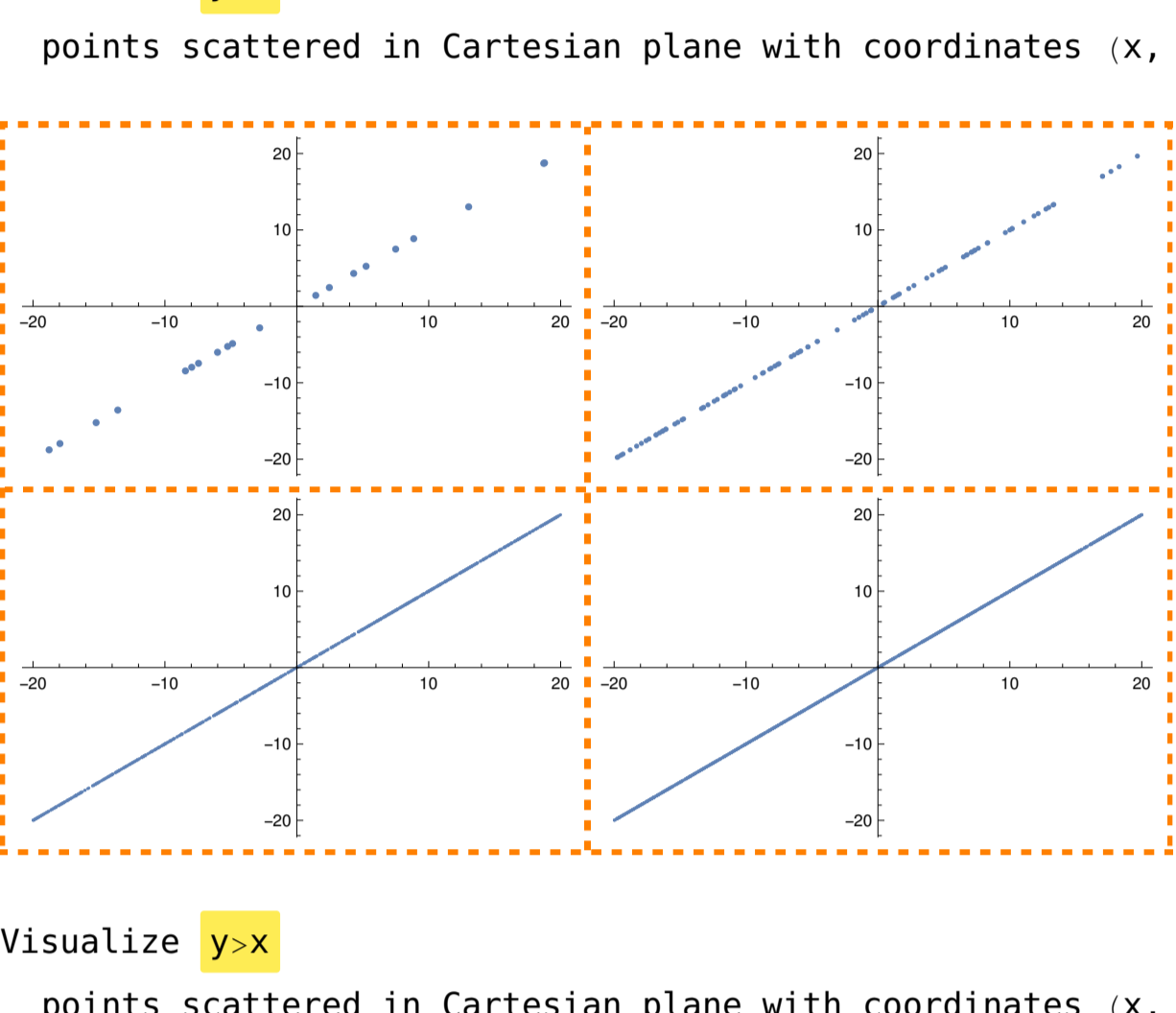
Visualize  $y<5$

points scattered in Cartesian plane with coordinates  $(x, <5)$ .



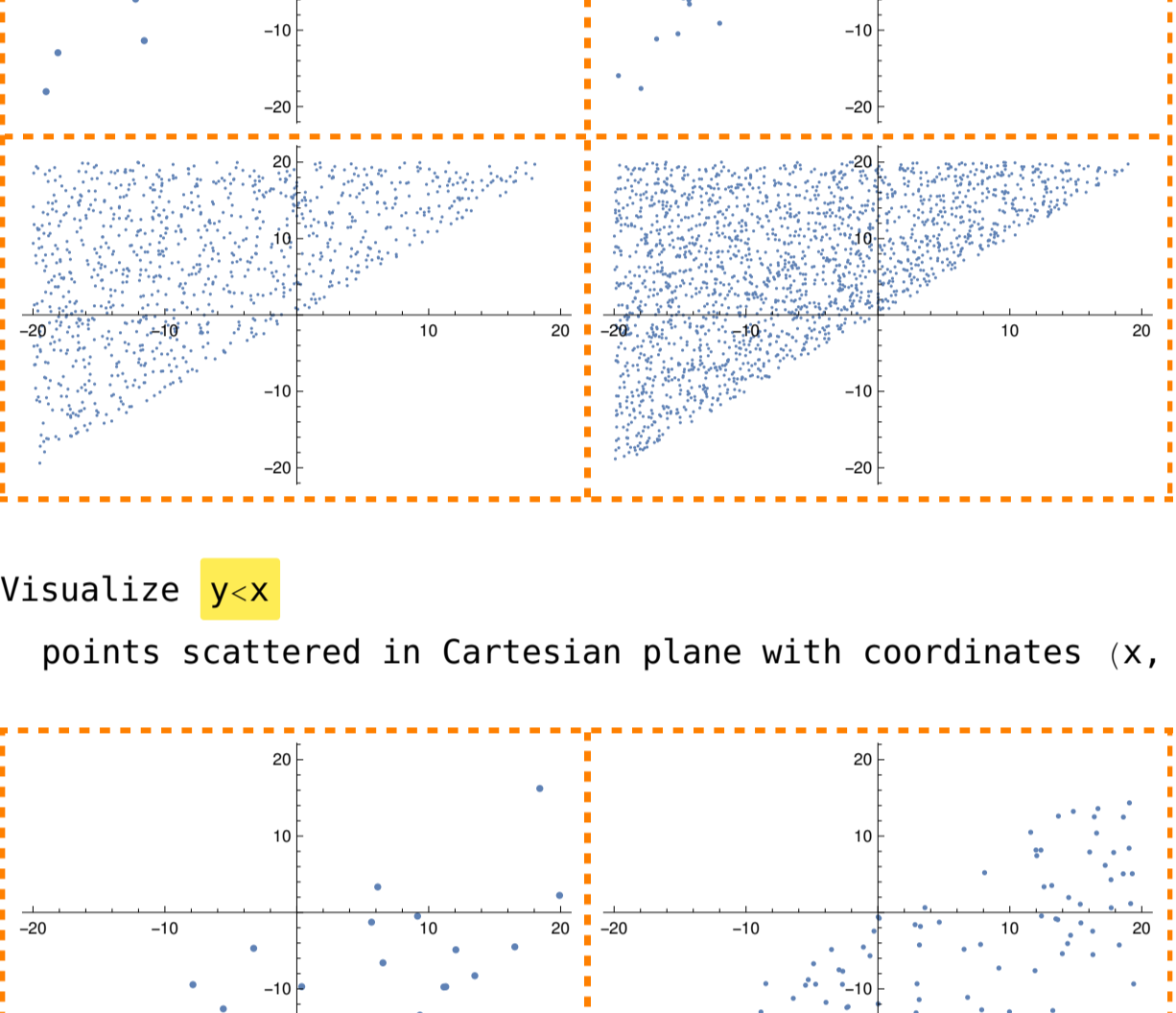
Visualize  $y>5$

points scattered in Cartesian plane with coordinates  $(x, >5)$ .



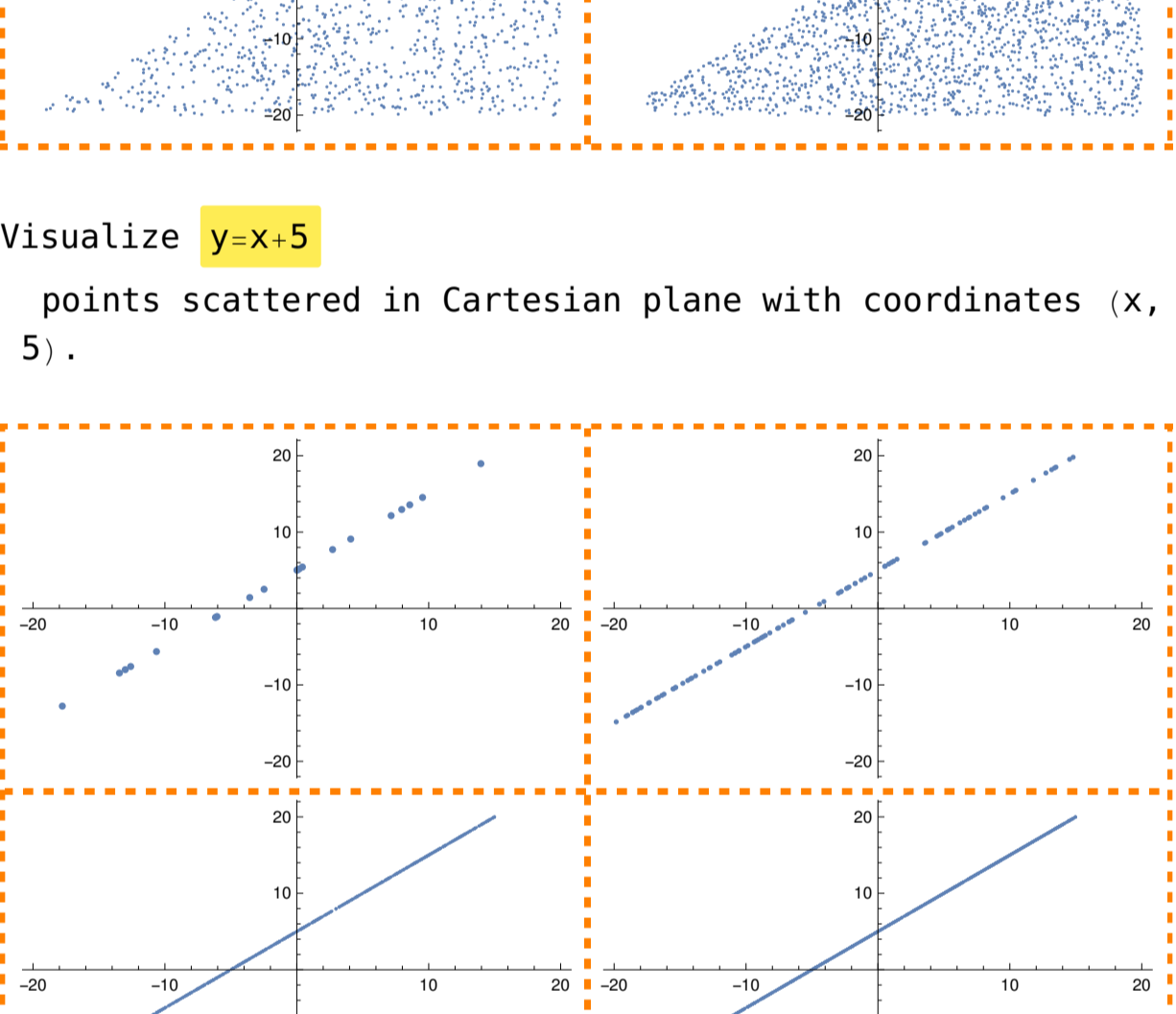
Visualize  $y=x$

points scattered in Cartesian plane with coordinates  $(x, x)$ .



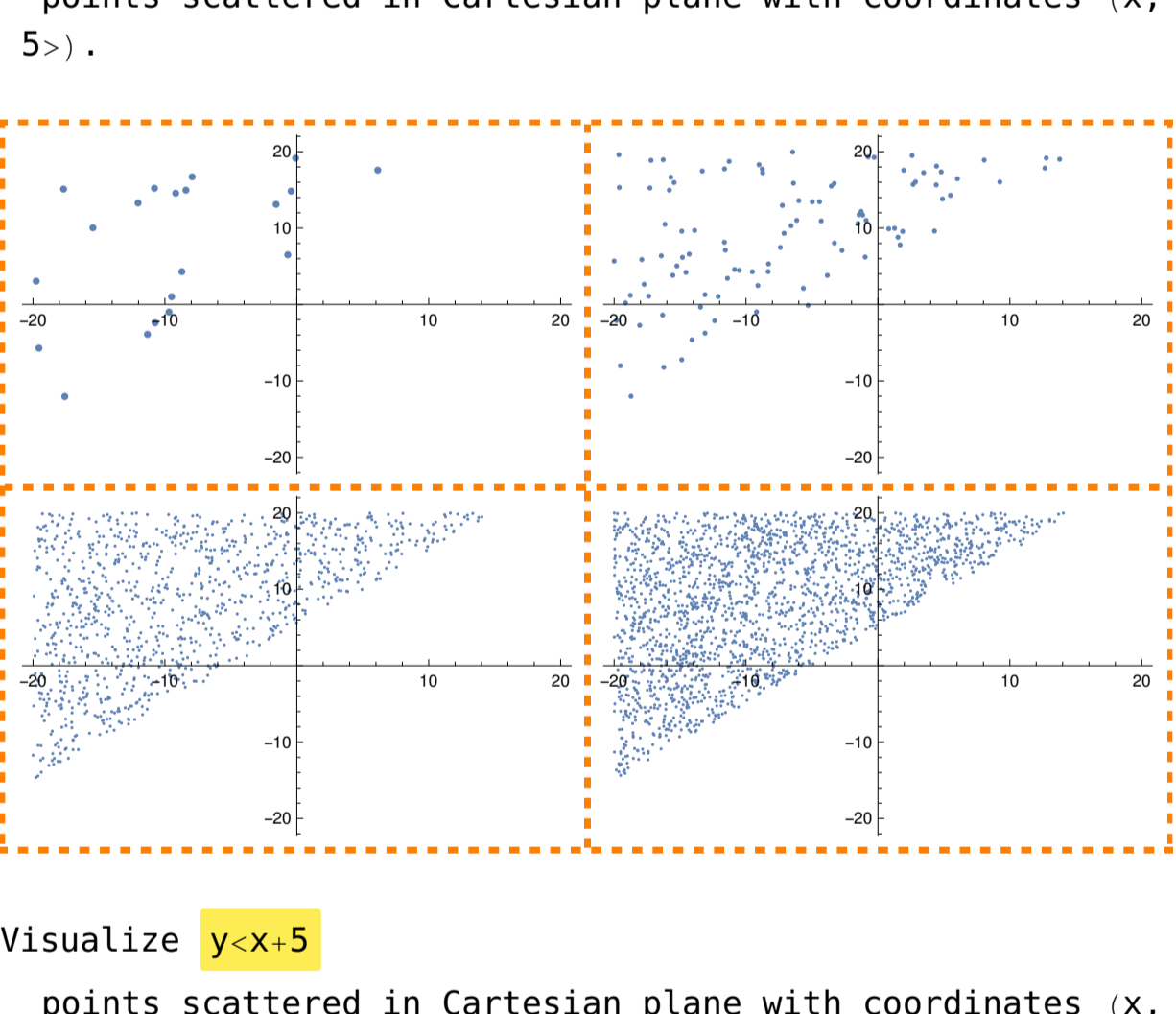
Visualize  $y>x$

points scattered in Cartesian plane with coordinates  $(x, >x)$ .



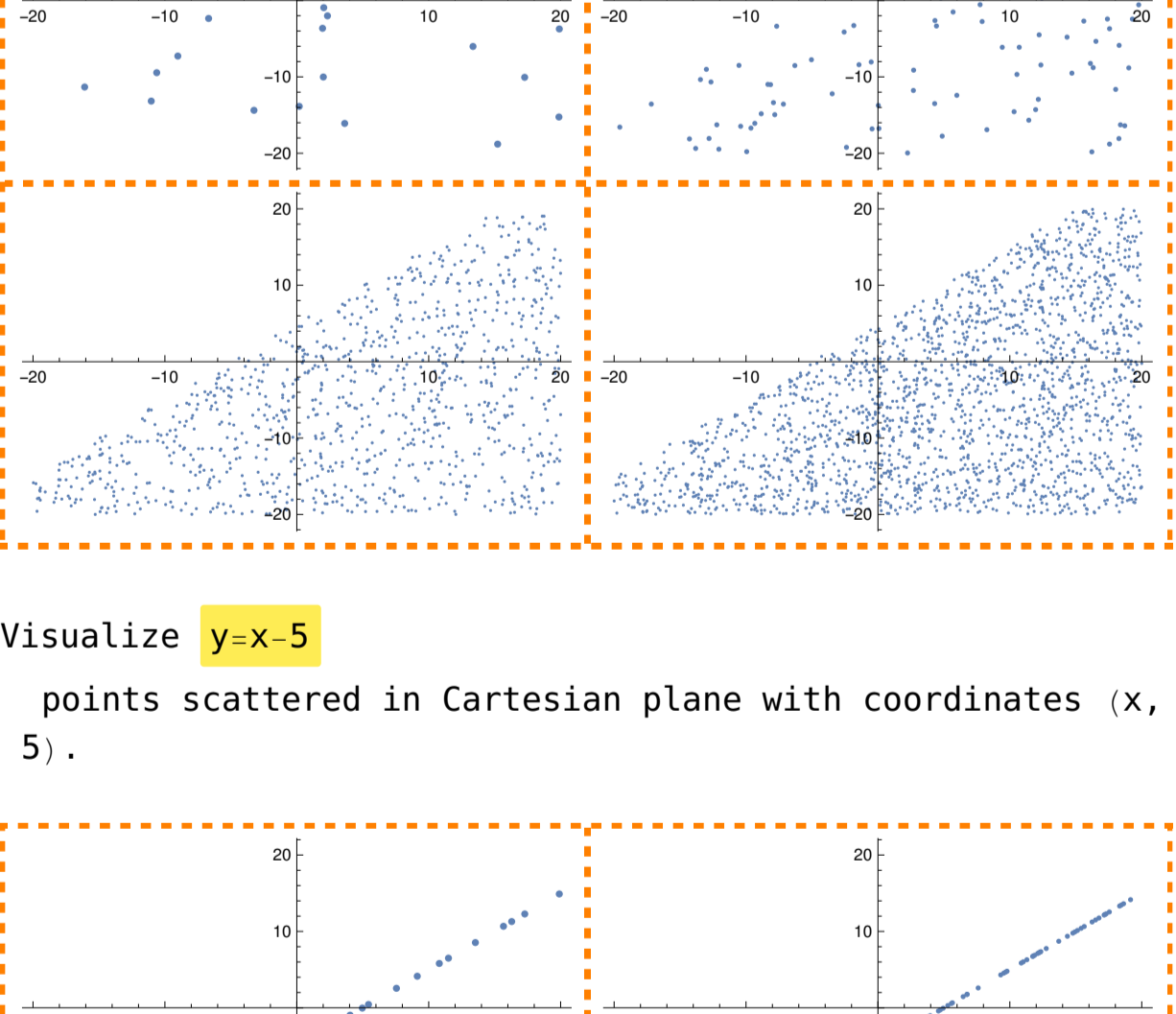
Visualize  $y<x$

points scattered in Cartesian plane with coordinates  $(x, <x)$ .



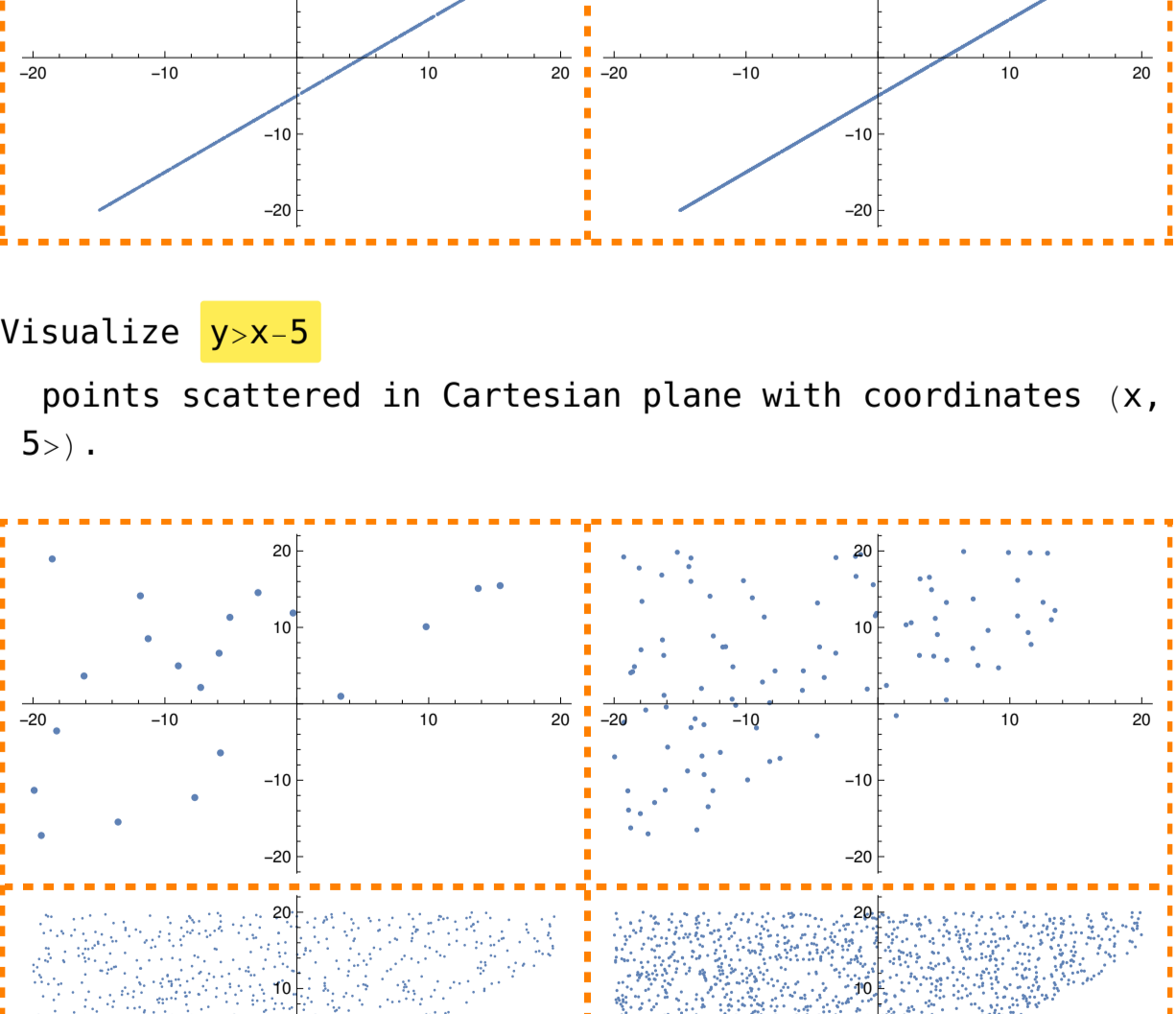
Visualize  $y=x+5$

points scattered in Cartesian plane with coordinates  $(x, x+5)$ .



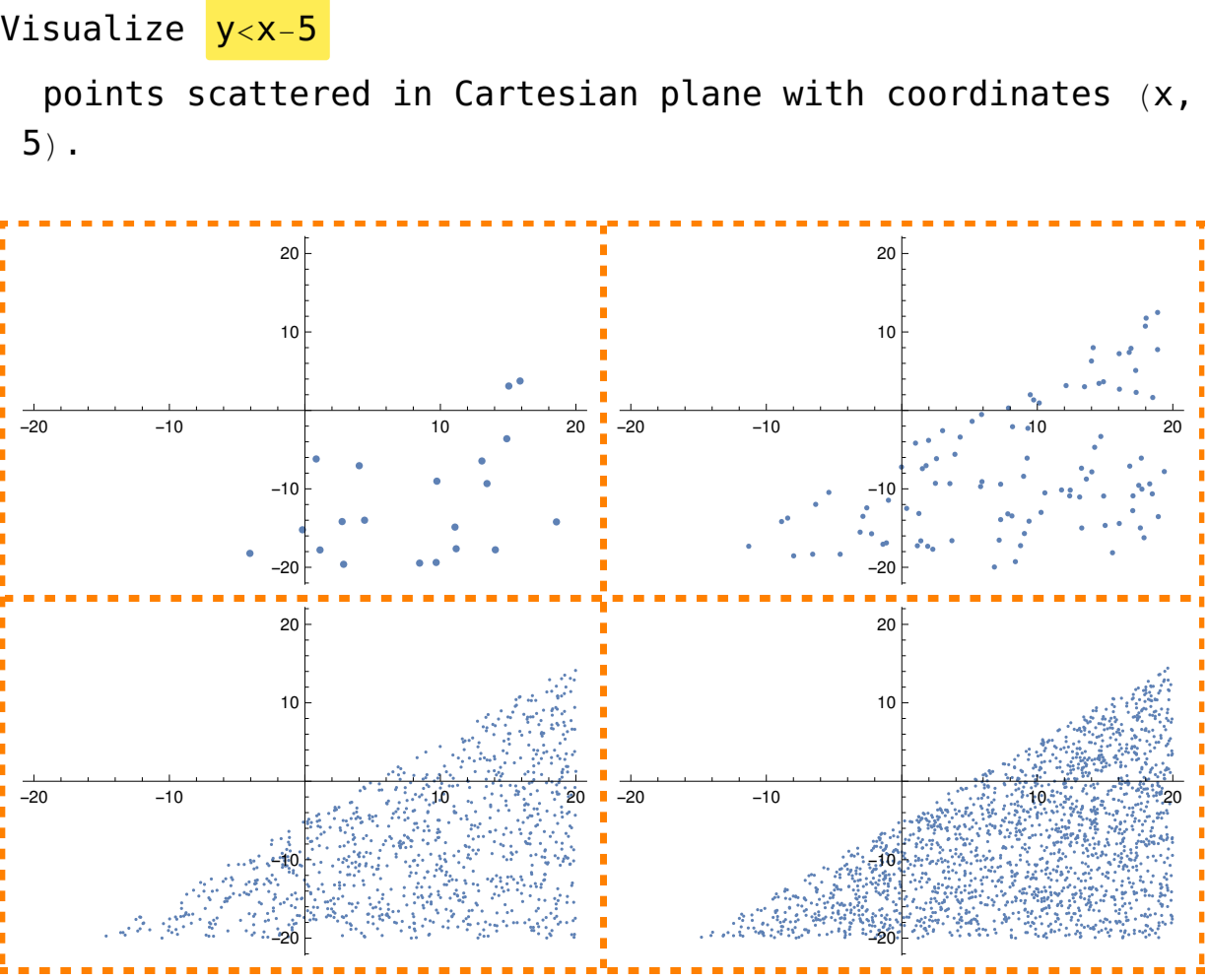
Visualize  $y>x+5$

points scattered in Cartesian plane with coordinates  $(x, x+5 >)$ .



Visualize  $y<x+5$

points scattered in Cartesian plane with coordinates  $(x, <x+5)$ .



Visualize  $y=x-5$

points scattered in Cartesian plane with coordinates  $(x, x-5)$ .



Visualize  $y>x-5$

points scattered in Cartesian plane with coordinates  $(x, x-5 >)$ .



Visualize  $y<x-5$

points scattered in Cartesian plane with coordinates  $(x, <x-5)$ .

